



MATERIAL SAFETY DATA SHEET

Dpm 5348

MSDS NUMBER ▶ 56,280-2

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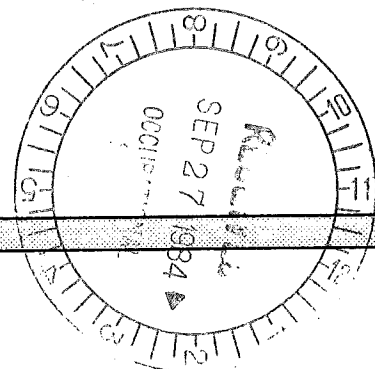
97002 (REV 1-83)

SECTION I		NAME	24 HOUR EMERGENCY ASSISTANCE							
PRODUCT	▶ Aeroshell® Grease 22		SHELL 713-473-9461	<table border="1"><tr><td>HEALTH</td><td>1</td></tr><tr><td>FIRE</td><td>1</td></tr><tr><td>REACTIVITY</td><td>0</td></tr></table>	HEALTH	1	FIRE	1	REACTIVITY	0
HEALTH	1									
FIRE	1									
REACTIVITY	0									
CHEMICAL/ SYNONYMS	▶ Lubricating Grease		CHEMTREC 800-424-9300							
CHEMICAL FAMILY	▶ Synthetic Hydrocarbon		HAZARD RATING							
SHELL CODE	▶ 70022	C.A.S. NUMBER	▶ Mixture	LEAST 0 SLIGHT 1 MODERATE 2 HIGH 3 EXTREME 4						

SECTION II		INGREDIENTS
COMPOSITION	%	TOXICITY DATA
Aeroshell Grease 22	100	Not Determined
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Polyalphaolefins	86	
Inorganic Clay Thickener	6	
Fatty Amides	3	
Alkylated Aromatic Amines	3	Oral LD ₅₀ , rat > 10 g/kg
Dicarboxylic Acid	1	
Mineral Acid	0.5	
Sodium Hydroxide	0.5	
Sodium Nitrite	0.5	Oral LD ₅₀ , rat = 0.18 g/kg
3-Amino-1,2,4-Triazole	<0.1	Oral LD ₅₀ , rat = 14.7 g/kg

SECTION III	HEALTH INFORMATION
Prolonged and repeated contact may produce skin irritation.	
This product contains less than 0.05%w 3-Amino-1,2,4-Triazole which is listed as a suspect human carcinogen by ACGIH in Appendix A2 of the Threshold Limit Values for Chemical Substances in Workroom Air for 1979.	
Nitrites and secondary amines can react to form nitrosamines, some of which have been shown to cause cancer in laboratory animals.	
The concentration of 3-Amino-1,2,4-Triazole, sodium nitrite, and secondary amines in this product is low. Nevertheless, it is recommended that the handling procedures and safety precautions in this MSDS be strictly followed to minimize employee exposure.	

SECTION IV	OCCUPATIONAL EXPOSURE LIMITS
None established.	





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97003 (1-81)

SECTION V EMERGENCY AND FIRST AID PROCEDURES

SKIN - Remove product by wiping or applying waterless hand cleaner, followed by washing with soap and water.

EYE - Flush with water for at least 15 minutes.

INGESTION - Consult medical personnel.

SECTION VI PHYSICAL DATA

BOILING POINT (°F) ▶ N. A.

MELTING POINT (°F) ▶ N. A.

VAPOR PRESSURE (mmHg) ▶ N. A.

SPECIFIC GRAVITY (H₂O=1) ▶ N. A.

% VOLATILE BY VOLUME ▶ N. A.

VAPOR DENSITY (AIR=1) ▶ N. A.

SOLUBILITY IN WATER ▶ Negligible

EVAPORATION RATE (BUTYL ACETATE=1) ▶ N. A.

N. A. = Not Available

APPEARANCE AND ODOR

Smooth amber grease. Slight odor.

SECTION VII FIRE AND EXPLOSION HAZARDS**FLASH POINT AND METHOD USED**

455°F COC for synthetic hydrocarbon

FLAMMABLE LIMITS/% VOLUME IN AIR

LOWER

UPPER

N. A.

N. A.

EXTINGUISHING MEDIA

Dry chemical type preferred.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS

None special.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None unusual.



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SECTION VIII**REACTIVITY**

STABILITY ▶

☐

UNSTABLE

☒

STABLE

HAZARDOUS POLYMERIZATION ▶

☐

MAY OCCUR

☒

WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID

None

HAZARDOUS DECOMPOSITION PRODUCTS

NO_x, CO and other unidentified oxygenates can be formed during combustion.

SECTION IX**EMPLOYEE PROTECTION**

RESPIRATORY PROTECTION

Use NIOSH approved respiratory protection as required to minimize exposure to hot vapors.

PROTECTIVE CLOTHING

Use impervious gloves and other clothing as needed to minimize skin contact.

ADDITIONAL PROTECTIVE MEASURES

None special.

SECTION X**ENVIRONMENTAL PROTECTION**

SPILL OR LEAK PROCEDURES

Scoop up excess grease. Clean area with appropriate cleaner.

WASTE DISPOSAL

Bury or incinerate in compliance with appropriate regulations.

ENVIRONMENTAL HAZARDS

None special.



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97005 (REV. 7-82)

SECTION XI**SPECIAL PRECAUTIONS**

Launder contaminated clothing before using.

Wash before eating or smoking.

Minimize skin contact.

Observe good personal hygiene.

SECTION XII**TRANSPORTATION REQUIREMENTS**DEPARTMENT
OF
TRANSPORTATION
CLASSIFICATION☐

FLAMMABLE LIQUID

☐

COMBUSTIBLE LIQUID

☐

OXIDIZING MATERIAL

☐NON-FLAMMABLE
GAS☐

FLAMMABLE SOLID

☐

POISON, CLASS A

☐

CORROSIVE MATERIAL

☒NOT HAZARDOUS BY
D.O.T. REGULATIONS☐

FLAMMABLE GAS

☐

POISON, CLASS B

☐

IRRITATING MATERIAL

☐

OTHER—Specify below

D.O.T. PROPER SHIPPING NAME

None

OTHER REQUIREMENTS

Bill of Lading Commodity Description: Lubricating Grease NOI

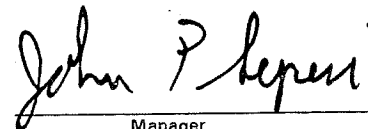
SECTION XIII**OTHER REGULATORY CONTROLS**

EPA, FDA, OSHA, USDA, CPSC, etc.

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The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

BE SAFE**READ OUR PRODUCT
SAFETY INFORMATION
... AND
PASS IT ON**(PRODUCT LIABILITY LAW
REQUIRES IT)
ManagerSHELL OIL COMPANY
PRODUCT SAFETY AND COMPLIANCE
OIL AND CHEMICAL PRODUCTS
P.O. BOX 4320
HOUSTON, TEXAS 77210

DATE PREPARED

May 22 1990